

SiSiB® CE7059 Reactive Amino Silicone Emulsion

INTRODUCTION

SiSiB® CE7059 is a water-dispersible, amino-functional reactive silicone emulsion designed for textile, car care, and industrial applications, including textile finishing and car care formulations. Upon water evaporation, it cures into a durable elastomeric film without the need for a catalyst. The product provides soft, smooth, and elastic hand feel on fibers and fabrics, enhances surface protection and gloss in car care products, and improves resilience and friction resistance in various surfaces. It can be applied via padding, exhaustion, spray, or wipe-on methods.

FEATURES & BENEFITS

- Cures into a soft, durable elastomeric film without a catalyst
- Imparts excellent softness, smoothness, and fullness to textiles
- Enhances stretch recovery and anti-wrinkle performance
- Improves gloss, feel, and protection on plastic and rubber surfaces
- Provides excellent dry and wet friction resistance
- High thermal and shear stability
- Compatible with textile and car care applications
- APEO-free, water-based and environmentally friendly

PHYSICAL PROPERTIES

Appearance	Milky white liquid
Ionicity	Cationic
Solid Content (%)	32-36
pH	9-12
Viscosity (25°C, mPa·s)	Max.50

Note: These values are typical and are not intended for use as specifications.

APPLICATIONS

SiSiB® CE7059 is suitable for finishing a wide range of natural and synthetic fibers. It is particularly effective in softening wool, cotton knits, blends, and garments that require a smooth, elastic hand feel with added wrinkle resistance and wash durability. In car care applications, it can be used as a component in tire dressings, plastic and rubber protectants, and dashboard coatings to provide gloss, slip, and surface conditioning.

APPLICATION GUIDE

SiSiB® CE7059 is ready-to-use or can be diluted with cold water. Optimal application parameters should be verified through testing.

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Padding Process

Dosage:	5-30 g/L
Wet Pick-up:	75-95 %
Temperature:	Ambient
pH:	6.0-8.0
Dry:	80-105°C
Cure:	160°C for 1 min

Exhaustion Process

Dosage:	0.5-3.0 % (o.w.f.)
Liquor ratio:	1/10
Temperature:	Ambient (<30°C)
Time:	20-30 min
pH:	6.0-8.0
Dry:	80-105°C
Cure:	160°C for 1 min

Car Care - Wipe or Spray:

Dilute with water as needed; apply to clean, dry surfaces via sponge or cloth; wipe evenly and allow to dry.

PACKING

SiSiB® CE7059 is supplied in 120Kg plastic drum.

STORAGE

In the original unopened packaging, SiSiB® CE7059 has a shelf life of 12 months in a dry and cool place.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

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NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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